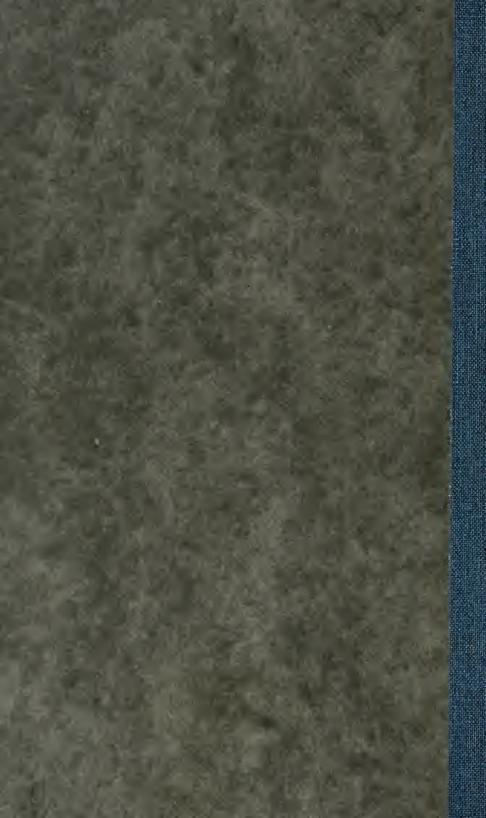
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Columbia University Bulletin of Information

LIST OF THESES

SUBMITTED BY

CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

IN

COLUMBIA UNIVERSITY

1872-1910

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There bulletins include :

- The Reports of the President and Treasurer to the Trustees.
- 2. The Catalogue of the University, issued in December, price 45 cents.
- The Announcements of the several Colleges and Schools and of certain Divisions, issued in the Spring, and relating to the work of the next year. These are made as accurate as possible, but the right is reserved to make changes in detail as circumstances require. The current number of my of these Announcements will be sent without charge upon application to the Secretary of the University.

LIST OF THESES SUBMITTED BY CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN COLUMBIA UNIVERSITY, 1872-1910.

This list comprises titles of dissertations submitted by cancidates for the degree of Doctor of Philosophy in Columbia University. These number 654. Certain theses of which the library possesses no copy are indicated by asterisks preceding the titles.

Omissions that are reported will be included in a subsequent list, and the presentation of copies of theses not now in the library will be wel-

comed.

Copies of many of the theses are in stock, and may be obtained in exchange for works of a similar character upon application to the Librarian of the University.

This list was compiled by Alice L. Miller, reference librarian.

May 19, 1910.

1872

*Marsh, Charles Wells. Geology of water supplies and water analyses

1875

2 Waller, Elwyn. Disinfection and disinfectants. Cambridge, Riverside Press. 1874. O 13p.

Repr. from American Public Health Association of 1874

1876

3 *Iles, Malvern W. New tests in qualitative analysis.

New metallurgical processes.

4 Ricketts, Pierre De P. Notes on assaying, and assay schemes. New York Art Printing Establishment. 1876. O 172p. ill.

1877

5 Ihlseng, Magnus C. On a mode of determining the velocity of sound in wood. O 8p.

In American Journal of Science 1879, v. 17.

A new method of determining the modulus of elasticity of metals, wood etc.

6 *Munroe, Henry S. Yesso coals. Tokei. Published by the Kaitakushi. 1874. O 39p. tables.

Analysis of "The Calorific value of Western Lignites." Published in R. W. Raymond's article in The Engineering & Mining Journal. v. 15.

7 *Love, Edward G. Economic geology and chemical technology of clay and clay wares.

1879

- *Britton, Nathaniel L. The geology of Staten Island, the examination of .American tellurium minerals.
- Church, John A. The Comstock lode, its formation and history. New York. John Wiley & Sons. 1879. F 4+1+226p. pl.
- 10 *Irving, Reland D. The geology and mineralogy of central Wisconsin.

 11 *Newberry, Spencer B. Formation of coal.

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- *Cushman, Alexander R. Phenols in their relations to sulphur and oxvgen.
- *Davis, John Woodbridge. Problems in applied mathematics. 13
- *Drummond, Isaac W. Certain pigments. 14
- *Hasegawa, Yothinosuke. On the catalan of northern New York. 15
- *Matsui, Nawakichi. On the nature of the materials used in the manuт6 facture of the arita porcelain of Japan.
- *Morewood, George B. The alleged poisonous properties of green wall 17 paper.
- *Reed, Sylvanus A. The investigation of Professor Mayer's method of locating wave surfaces in media surrounding sounding bodies. 18
- *Tucker, John H. Sugar analysis. PI

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*Hutton, Frederick R. Machine tools.

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- *Eliot, Walter G. The water supply of American cities and towns. 21
- *Wiechmann, Ferdinand G. Fusion structures in meteorites, the Baumé 22 hydrometers.

- Bijur, Nathan. History of the charter of New York City, 1642-1857. 23 Q 218p.
 - Type-written manuscript.
- *Elliott, Arthur H. Geology and chemistry of building stones. 24
- *Hallock, Albert P. The recent improvements in gas making. 25
- 26 Herzog, F. Benedict. The railroad transportation question, and the objections to specific legislation as a cure for railroad abuses (unfinished). New York, Gilliso. 1883. O 77p.
- 27
- *Neftel, J. W. Knight. On milling machinery.
 *Traphagen, Frank W. The chemical and physiological effects of fungi 28 in general; the geological relation of the Cincinnati group.

29 Williams, Stephen G. Relation between the federal and cantonal governments in Switzerland. 1883. O 63p.

1884

- 30 *Butler, Nicholas Murray. A study in the history of logical doctrine.
- 31 *Munsell, Charles E. Parallelism between the chemical compositions and the geological positions of the carbon minerals.
- 32 *Neymann, Percy. The determination of conditions for the transformation of hydro carbons of the fatty series into those of the aromatic origin and condition of carbonaceous matter in bituminous shales.
- 33 *Porter, John B. The iron ores of the region of southern Tennessee and the surrounding states.
- 34 Rambaut, Thomas D. A sketch of the constitutional history of Canada. New York. F. & E. Greenebaum. O 6op.
- 35 *Share, William W. Electrical measurements in connection with exciting fluids in batteries.

1885

- 36 Bancroft, Frederic A. A sketch of the negro in politics, especially in South Carolina and Mississippi. New York, J. F. Pearson. 1885. O 92p. bibliog.
- 37 Barrell, Harry F. An outline of Anglo-Saxon law. New York. J. F. Pearson. 1885. O 84p. bibliog.
- 38 Bernheim, Abraham C. The history of the law of aliens, from the standpoint of comparative jurisprudence. New York. J. F. Pearson. 1885. O 194p. bibliog.
- 39 Dunning, William Archibald. The constitution of the United States in civil war and reconstruction. 1860–1867. New York. J. F. Pearson. O 131p. bibliog.
- 40 *Egbert, James C., Jr. Pindar. 165p.
 Manuscript copy.
- 41 Satterlee, Herbert Livingston. Political history of the province of New York. New York. Pearson. 1885. 107p. bibliog.
- 42 *Seligman, Edwin R. A. Two chapters on the mediæval guilds of England.

American Economic Association Publications, v. 2, no. 5

43 *Vulté, Hermann T. A new aldehyde of carvacrol.
Technology of the wood pulp process.

- 44 Bowen, John Eliot. The conflict of the east and west in Egypt. New York. Independent Press. 1886. O 114p. bibliog.
- 45 Dodge, Daniel K. The syntax of the subjunctive mood in the Egils saga. New York. 1886. O 74p.
- 46 Edgerton, Winifred H. Multiple integrals. Q 84p.

 Manuscript copy.
- 47 *Pott, William H. Modern ethics.
- 48 Spahr, Charles B. The taxation of labor. New York. 1886. O 58p.

- 49 Stilwell, Samuel E. The catenary. New York. 1886. O 126p.

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- 50 Walther, Hugo J. Syntax of cases in Walther von der Vogelweide. 1886. O 68p.

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51 *Clark, Franklin S. The products of wood distillation.
The phosphates of South Carolina.

1888

- 52 Cornwall, Henry B. Manual of blowpipe analysis, qualitative and quantitative, with a complete system of determinative mineralogy. New York. Van Nostrand. 1882. 10+308p. ill. pl.
- 53 *Fiske, Thomas S. The theory of concomitants of algebraic form.
- 54 *Leipziger, Henry M. The philosophy of the new education.
- 55 *Linehan, Daniel F. A criticism of Kant's synthetic a priori judgments.

 Manuscript copy.
- 56 *McCrea, Nelson G. The state, as conceived by Plato and Aristotle.
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 Manuscript copy.
- 50 Weil, Robert. Legal status of the Indian. New York. 1888. O 76p.

- 60 Black, George A. History of municipal ownership of land on Manhattan Island, to the beginning of sales by the commissioners of the sinking fund in 1844. 1889. O 6op. 7 maps.
- 61 Clarke, Charles Washburn. A chapter of the Eastern question.
 48p.

 Manuscript copy.
- 62 Earle, Mortimer Lamson.
 - Original manuscript in Latin. Reprinted in part in English under the title "A Sikyonian Statue," in American Journal of Archaeology vol. 5, p. 202-303.
- 63 Osgood, Herbert Levi. Socialism and anarchism. Boston. Ginn. 1889. O 71p.
 - Extract from Political Science Quarterly. 1886-89. v. 1-4.
- 64 *Simonds, Francis M. The occurrence and manufacture of aluminum, nickel and cobalt, and chlorination of gold ores.
- 65 Taylor, Washington Irving. Employers' liability to their workmen for accidents incurred in the course of their employment and state regulation of dangerous industries. New York. Vanden Houghton. 1888. O 125p.

- Aitken, William Benford. The Dominion of Canada; a study of annexation. New York. Van Sicien. 1888. O 106p. bibliog.
- Dean, Bashford. Placoderm and armored catfish; a comparative stud of their pineal fontanelle. 1890. Q 63p. 19pl. bibliog.
- 68 *Dodge, Frank D. Oil of citronella.

Fluorescence.

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- Frost, Thomas Gold. French constitution of 1793. New York. Chasmar. 1888. O 46p.
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- Knapp, Charles. De usu atque elocutione Auli Gellii. New York. 1890.
 - *Merrill, Frederick J. H. The origin of the serpentines in the vicinity of New York City.
- *Moses, Alfred J. Methods of blow pipe analysis.
- Peters, Thomas McC. A picture of town government in Massachusetts
 Bay Colony at the middle of the seventeenth century as illustrated
 by the town of Boston. New York. McWilliams Printing Co.
 O 74p. bibliog.
 - Stanton, Stephen. Behring Sea dispute. New York. King. O 5+58 +3p.
 - West, Gerald Montgomery. Status of the negro in Virginia during the colonial period. New York. Jenkins. O 1+76p.

- Fenton, John Fieldhouse. Theory of the social compact and its influence upon the American Revolution. New York. 1891. O 77p.
- Goss, John Dean. History of the tariff administration in the United States from colonial times to the McKinley administrative bill. New York. 1891. O 87p. (Studies in history, economics and public law. 1891. v. i., no. 2.)
 - Lorenz, Daniel Edward. The theology of Kant. 1891. Q 93p. Type-written manuscript.
- 83 Margolis, Max L. Commentarius Isaacids-quateuus ad textum Talumdis investigandum adhiberi possit, tractatu erublim ostenditur. New York. Association Ginsberg. 1891. O 71p.
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1892

- 88 Douglas, Charles H. J. Financial history of Massachusetts from the organization of the Massachusetts Bay Colony to the American Revolution. New York. 1892. O 148+2p.
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1893

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- 100 Ripley, William Zebina. Financial history of Virginia 1609–1776. New York. Columbia University Press. 1893. O 170p. (Studies in history, economics and public law. v. 4, no. i.)
- 101 Rosewater, Victor. Special assessment, a study in municipal finance New York. 1893. O 153p.
- West, Max. The inheritance tax. New York. Columbia University Press. 1908. 2d. ed. enl. O 249p. tab. (Studies in history, economic and public law. v. 4, no. 22.)

- Baldwin, Charles Sears. Inflections and syntax of the Morte d' Arthur. Boston. Ginn. 1894. Sq. O. 10+156p.
- *Banks, John Henry. Investigation of the physical and chemical properties of copper and of some of its alloys.

- 105 Breckenridge, Roeliff Morton, Canadian banking system, 1817-1800. Toronto. 1894. O 363p. tab. bibliog.
- 106 Coudert, Frederick René. Marriage and divorce laws in England. New York. Middleditch. 1893. O4+108p.
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- Eckoff, William Julius. Kant's inaugural dissertation of 1770; tr. into 109 English, with an introduction and discussion by W. J. Eckoff. Denot. of Philosophy and education, Contributions. 1894. v. I, (2 p., 101p).
 - *Gosling, Edward Bonaparte. Ozocerite.

113

114

116

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119

121 122

- Griffing, Harold. On sensations from pressure and impact, with special reference to the intensity, area and time of stimulation. New York. III 1895. O 4+89p. ill.
- Hertz, Joseph Herman. Ethical system of James Martineau. New York. 112 1894. O 85+1p.
 - *Horne, William Dodge. Recent improvements in sugar machinery and sugar treatment.
 - tington, Harwood. Certain new derivatives in the aromatic series. New York. 1894. O 23p. Huntington, Harwood. Repr. New York Academy of Sciences. Annals. v. 8.
- 115 *Jouet, Cavalier Hargrave, An investigation of the rare earths of thorium. cerium, didymium and lanthnum. Cretaceous rocks of Long Island.
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 - The relative effects of frost and the sulphate of soda tests no building stones. 22p.
 - Repr. from the American Society of Civil Engineers. Transactions. v. 33.
 - McIlhiney, Parker C. Investigation on certain methods of analysis of fats and resins. Easton Chemical Pub. Co. O 31p.
 - *McKenna, Charles Francis. The chemical & physical properties of bronzes.
- McLean, James A. Essays in the financial history of Canada. New York. 120 1894. O 56p.
 - Miller, Edmund Howd. Succinimid. Easton Chem. Pub. Co. O 39p. *Pitkin, Lucius. Atmospheric dust in its chemical and bacteriologica
 - relations.
 - *Rees, John Krom. The determination by original investigation of the position constants of Columbia College observatory.
- Rogers, James Dennison. Language of Aeschylus compared with the language of the Attic inscriptions prior to 456 B.c. New York. Putnam. 1894. O 6+58p. 124
- Struthers, Joseph, Jr. On the study of slags from lead furnaces, with 125 the object of producing liquation or crust effects. Repr. from the School of Mines Quarterly, v. 16, no. 4, p. 356-76.

*Vanderpoel, Frank. The nitrogen compounds of cellulose.

The deposit of infusorial earth near Drakesville, N. J.

127 Wilde, Norman. Friedrich Heinrich Jacobi; a study in the origin of

German realism. New York. 1894. O 79p.

Wood, Frederick Augustus. History of taxation in Vermont. New York. Columbia University Press. 1894. O 128p. (Studies in history, economics and public law, v. 4, no. 3.)

1895

Bayles, George James. The office of Mayor in the United States. New York. 1895. O 74+1D.

130 Brandt, Francis Burke. Friedrich Edward Beneke. New York. 1895.

131 Bullowa, Ferdinand Ezra M. History of the theory of sovereignty. New York. W. R. Jenkins. 1895. D 81+1p.

Cooper, Frederic Taber. Word formation in the Roman sermo plebius. New York. Trow Directory Co. 1895. O 47+329+1p.

- Davis, Herman Stearns. Parallax of n Cassiopeiæ, deduced from the Rutherfurd photographic measures. New York. 1895. O 25p. 5 tables. (Columbia University Observatory Contributions no. 6.)

 Repr. from New York Academy of Sciences. Annals. v. 8.
- Dyar, Harrison G. On certain bacteria from the air of New York City.

 O 59p. (Studies from the pathological laboratory of the College of Physicians and Surgeons. 1894-95. v. 4, no. 12.)

 Repr. from New York Academy of Sciences. Annals. 1895. v. 8.
- 135 Jacoby, Harold. Sur la reduction des clichés astrophotographiques. Paris. Gauthier-Villars. 1896. Q 14p. tables.
 Extract Institut de France, Academie des sciences, bulletin du Comité Internationale permanent pour l'execution photographique de la carte du ciel. v. 3, 1896.
- Matthew, William Diller. Effusive and dyke rocks near St. John. N. B. (1895.) O 31p. 6pl. ill. (Contributions from Geological Dept. of Columbia College. v. 4, no. 3o.)
 Repr. New York Academy of Sciences. Transactions v. 14, 1894.
- Millikan, Robert Andrews. On the polarization of light emitted from the surfaces of incandescent solids and liquids. New York. 1895.
 O 31p. ill.
 Repr. New York Academy of Sciences. Transactions. May 18, 1895.

138 *Pettit, Mrs. Anna Stockton. Arachis hypogaea.

- 139 Small, John Kunkel. Monograph of the North American species of the Genus Polygonom. New York. 1895. Sq. F 183p. pl. Lancaster. New Era Printing Co. (Columbia University, Dept. of Botany, Memoirs v. 1., 1895.)
- 140 Strong, Oliver Smith. Cranial nerves of amphibia. Boston. Ginn and Co. 1895. O 130p. 6pl. bibliog. (Studies from the Biological Laboratory of Columbia College, Zoology, v. 1., no. 6.)

 Repr. from the Journal of Morphology. v. 10, no. 1.
- 141 Walker, Francis. Double taxation in the United States. New York. 1895. O 134p.

- 142 Arnold, William R. Ancient Babylonian temple records in Columbia University Library. New York. 1896. O 8+70+1p.
 - Berg, Joseph Frederic. The influence of the Septuagint upon the Pe Sittâ Psalter. New York. Drugulin. 1895. O 5+2+160p.

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150

- Chadsey, Charles Ernest. The struggle between President Johnson and congress over reconstruction. New York. Columbia University Press. 1896. O 141p. (Studies in history, economics and public law, v. 8, no. 1.)
- Cushing, Harry Alonzo. History of the transition from provincial to commonwealth government in Massachusetts. New York. 1896. O 281p. (Studies in history, economics and public law, v. 2, no. 1.)
- Emery, Henry Crosby. Speculation on the stock and produce exchanges of the United States. New York. Columbia University Press. 1896. O 230p. (Studies in history, economics and public law, v. 2, no. 2.)
- Ling, George Herbert. On the solution of a certain differential equation which presents itself in Laplace's kinetic theory of tides. New York. 1896. Sq. F 3op.

 Repr. from Annals of Mathematics. v. 10, no. 4.
- 148 Littlejohn, J. Martin. The political theory of the schoolmen and Grotius.
 1895. O 296p.
 - Luqueer, Frederic Ludlow. Hegel as educator. New York. 1896. O 185p. (Philosophy and education, Dept. of Contributions, v. 2, no. 1.)
 - Mott, Lewis Freeman. The System of courtly love, studied as an introduction to the Vita Nuova of Dante. Boston. Ginn. 1896. O 6+153p.
- Ries, Heinrich. Monoclinic pyroxenes of New York State. O 55p. pl. (Columbia University, Dept. of Mineralogy, Contributions, v. 6, no. 6.)

 Repr. from New York Academy of Sciences, Annals. 1896. v. 9.
- 152 Shepherd, William Robert. History of the proprietary government in Pennsylvania. New York. Columbia University Press. 1896. O 601p. (Studies in history, economics and public law v. 6.)
- Wilcox, Delos F. Municipal government in Michigan and Ohio, a study in the relations of city and commonwealth. New York. 1896. O

/897

- 154 Beatty, Arthur. Brownings verse-form; its organic character. New York 1897. O 77p.
- 155 Bernstein, Ludwig. The order of words in old Norse prose. New York. Knickerbocker Press. 1897. O 8+62p.
- Crowell, John Franklin. The logical process of social development; a theoretical foundation for educational policy from the standpoint of sociology. New York. Holt & Co. 1898. D 8+1+358p. ill.
- 157 Emerick, Charles Franklin. An analysis of agricultural discontent in the United States. New York. 1897. O 107p. ill.

 Repr. from Political Science Quarterly. v. 11 and 12. 1897.

- 158 Freund, Ernst. The legal nature of corporations. New York. 1897 O 83p.
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 Repr. Torrey Botanical Club, Memoirs. v. 6, no. 2,
- 160 Hammond, Matthew Brown. The cotton industry; an essay in American economic history. Pt. 1. Ithaca. 1897. O 8+369+1p. pl. map. 1 tab.
- Maltbie, Milo Roy. English local government of to-day; a study of the relations of central and local government. New York. Columbia University Press. 1897. O 296p. (Studies in history, economics and public law. v. 9, no. 1.)
- Noble, Frank Henry. Taxation in Iowa; historical sketch, present status and suggested reforms. St. Louis. Nixon Jones. 1897. O 121+20.
- 163 Schneider, Albert. Text-book of general lichenology. Binghamton. Clute. 1897. O 17+23op. pl.
- Sherman, Henry Clapp. The insoluble carbohydrates of wheat (triticum vulgare). Easton. Chem. Pub. Co. 1897. O 34p.
- 165 Stark, Francis Raymond. Abolition of privateering and the Declaration of Paris. New York. 1897. O 165p.
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- Tyler, Ansel A. The nature and origin of stipules. New York. 1897.
 O 49p. pl. (Herbarium Contributions, v. 5, no. 119.)
 Repr. from New York Academy of Sciences, Annals. v. 10.
- 168 Ufford, Walter Shepard. Fresh air charity in the United States. New York. 1897. O 3+114+1p.
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- 171 Cole, Lawrence Thomas. The basis of early Christian theism. New York. 1898. O 61p.
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 New York. Columbia University Press. 1899. O 120p. (Studies in history, economics and public law. v. 1, no. 1).
- 177 Howe, Marshall Avery. Hepaticæ and anthocerotes of California. Lancaster. New Era Print. Co. 1899. O 208p. pl. bibliog.

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 New Era Print. Co. 1898. O 8op. bibliog.
 Repr. New York Academy of Sciences, Annals. v. 11, no. 14.
- Mathews, John Alexander. The action of nitrils upon aromatic acids. Easton. Chem. Pub. Co. 1898. O 35p.
- Radau, Hugo. Early Babylonian history down to the end of the fourth dynasty of Ur, to which is appended an account of the E. A. Hoffman collection of Babylonian tablets in the general theological seminary, New York. Oxford University Press. 1899. O 90p. tab.
- 184 Rydberg, Per Axel E. Monograph of the North American potentilleac. Lancaster. New Era Printing Co. 1898. Sq. F. 4+223p. pl.
- Schlesinger, Frank. The Praesepe group; measurement and reduction of the Rutherfurd photographs. New York. 1898. O 101p. tables. Columbia University Observatory, Contributions, no. 15.

 Repr. New York Academy of Sciences Annals. v. 10.
- 186 **Tamblyn,** William Ferguson. The establishment of Roman power in Great Britain. Hamilton. McPherson & Drope. 1899. O 105p.
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- 189 Whiton, Helen Isabel. The co-ordinate and sub-ordinate conjunctions in Chaucer's *Troilus and Criseyde*; with a comparison of the *Romaunt of the Rose*. New York. Knickerbocker Press. 1898. O 8+97p.
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- 194 Burke, William Maxwell. History and functions of the central labor unions. New York. Columbia University Press. 1899. O 127p.
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- 196 Crampton Henry Edward, Jr. Studies upon the early history of the ascidian egg. Boston. Ginn. 1899. O 26p. 1pl. bibliog.

 Repr. Journal of Morphology, Supplement to v. 15.

- 197 Dearborn, George Van Ness. Emotion of joy. New York. O 70p.
- 198 Dexter, Edwin Grant. Conduct and the weather; an inductive study of the mental effects of definite meteorological conditions. New York. 1899. O 5+105p. ill. tab.
- Firth, Elmer Wallace. Micro-organisms in the air of public buildings and conveyances, due to improper methods of cleaning. New York. 1899. O 32p. ill. bibliog. pl. (In Studies from the pathological laboratory of the College of Physicians and Surgeons, v. 7.)
- 200 Franz, Shepherd Ivory. On after-images. Lancaster. New Era Printing Co. 1899. O 3+61p. ill.
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- Herrick, Charles Judson. Cranial and first spinal nerves of menidia; a contribution upon the nerve components of the bony fishes. Utica State Hospital Press. 1899. O 4+299p. 7pl. bibliog.

 Repr. from Archives of Neurology and Psychopathology. v. 2.
- Irving, John Duer. Contribution to the geology of the Northern Black Hills. 1899. O 132p. 12pl. ill. 16 figs. (Geological Dept., Contributions. 1899. v. 9, no. 65.)
 Repr. from New York Academy of Sciences, Annals. v. 12, no. 9.
- 204 Jelliffe, Smith Ely. The flora of Long Island. 1899. Privately printed. OxvI+162p.
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- 206 Kasner, Edward. The invariant theory of the inversion group; geometry upon a quadric surface. Lancaster. New Era Printing Co. Q 69p.

 Repr. from the American Mathematical Society, Transactions. 1900. v. 1,
- 207 Kretz, Walter Coluzzi. Position and proper motions of the principal stars in the cluster of Coma Berenices as deduced from measurements of the Rutherfurd photographs. New York. 1900. O 136p. (Observatory Contributions, v. 1, no. 16.)

 Repr. from New York Academy of Sciences, Annals. v. 12.
- 208 Maclay, James. On certain algebraic double minimal surfaces. O 30p.
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 Reprint from Journal of Morphology, Suppl. to v. 15.
- Molenaer, Samuel Paul. Li Livres du gouvernment des rois; a XIIIth century French version of Egidio Colonne's treatise De regimine principum, with introduction and notes. New York. Columbia University Press. 1899. O 42+461p. fac-sim.
- Neal, John Randolph. Disunion and restoration in Tennessee. New York. Knickerbocker Press. 1899. O 3+78+2p.
- Olcott, George N. Studies in the word formation of the Latin inscriptions, substantives and adjectives, with special reference to the Latin sermo vulgaris. Rome. 1898. O 26+267p.
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 O 11+524p. (Dept. of Philosophy and education, Contributions. v. 6, no. 1-4.)

Pope, Frederick John. Investigation of magnetic iron-ores from eastern Ontario. O 40p. (Havemeyer laboratories, Contributions. 1899. no. 9).

Repr. from the American Institute of Mining Engineers, Transactions. 1899.

- Popper, William. The censorship of Hebrew books. New York. Knickerbocker Press. 1899. O 8+157p. fac-sim.
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218

220

221

223

224

226

227

- Spingarn, Joel Elias. History of the literary criticism in the Renaissance. New York. Columbia University Press. 1899. D11+33op. (Studies in literature. Columbia University. v. 1.)
- Underhill, John Garrett. Spanish literature in the England of the Tudors.

 New York. Columbia University Press. 1899. D 10+438p. (Studies in literature, v. 3.)
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- Bauer, George N. The parallax of *u* Cassiopeiæ and the positions of 56 neighboring stars as deduced from the Rutherfurd photographic measures. Lancaster. New Era Printing Co. 1901. O 103p. 22 tables. bibliog. (Observatory of Columbia University, Contributions, no. 18.)
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- O 135+1p. (Studies in history, economics and public law, v. 12, no. 3.)
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 Boston. Chem. Pub. Co. 1900. O 29p.
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 Repr. from Torrey Botanical Club, Memoirs, v. 11.
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 Repr. from Torrey Botanical Club, Memoirs. v. 11, no. 2.
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 Repr. from the School of Mines Quarterly, v. 22, no. 1, 1000.
- Longden, Aladine Cummings. Electrical resistance of thin films deposited by kathode discharge. Lancaster. New Era Printing Co. 1900.
 O 27p. 10 figs.
 Repr. from Physical Review. v. 11, nos. 1-2.
- 239 Loos, Hermann Andreas. Study on colophony resin. Easton. Chem. Pub. Co. 1900. O 46p. (Havemeyer Laboratories, Contributions. no. 32.)
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- Paulmier, Frederick Clark. Spermatogenesis of Anasa Tristis. Boston. Ginn. 1899. O 54p. 2pl. bibliog.

 Repr. from Journal of Morphology, Suppl. to v. 15.
- Proper, Emberson Edward. Colonial immigration laws; a study of the regulation of immigration by the English colonies in America. New York. 1900. O 94p.
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 O 130p. (Dept. of Philosophy and education, Contributions. v. 10, no. 1.)
- Andrews, Grace. The primitive double minimal surface of the seventh class and its conjugate. New York. Evening Post Job Printing House. 1901. O 30p. 2 pl.
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 Repr. from American Institute of Mining Engineers, Transactions.

- Davis, Bergen. On a newly discovered phenomenon produced by stationary sound-waves. 1901. O 19p. ill.

 Repr. from Physical Review. v. 13, no. 1. 7 tables.
- 249 Dennis, Alfred L. P. Eastern problems at the close of the eighteenth century. Cambridge. University Press. 1901. O 3+277+1p.
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 - Luckey, George Washington Andrew. Professional training of secondary teachers in the United States. New York. 1903. O 303p.
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 Repr. from Physical Review. v. 14, no. 3. 1902.
 - representational reviews verify no. 3. 1902.

258

259

- Moody, Herbert Raymond. Reactions at the temperature of the electric arc. Easton. Chem. Pub. Co. 1901. O 64p. 5 pl. bibliog.
- Remy, Arthur Frank Joseph. The influence of Judea and Persia on the poetry of Germany. New York. Tuttle, Morehouse & Taylor Press. 1901. O 11+81p. (Germanic studies, Columbia University. v 1, no. 4.)
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- Schaper, William August. Sectionalism and representation in South Carolina. Washington. Government Printing Office. 1901. O 227p. map.
 - Repr. from American Historical Association, Annual Report. 1900. v. 1.
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 - Repr. from New York Academy of Sciences, Memoirs. 1900. v. 2, pt. 2.
- 265 Tombo, Rudolf, Jr. Ossian in Germany; bibliography, general survey, Ossian's influence upon Klopstock and the bards. New York. Co-

lumbia University Press. 1901. 04+157+1p. (Germanic studies Columbia University, v. I. no. 2.)

Watters, Leon Laizer. An analytical investigation of garden sage.
(Salina Officinalis, Linne.) Lancaster. New Era Printing Co. 1901. 266 $0.3 \pm 30 \pm 10$.

Willett, Allan Herbert. The economic theory of risk and insurance. New York. Columbia University Press. 1901. O 142p. (Studies 267 in history, economics and public law. v. 14, no. 2.)

Wise, Stephen Seymour. The improvement of the moral qualities; an 268 ethical treatise of the eleventh century by Solomon ibn Gabirol, printed from an unique Arabic manuscript, together with a translation, and an essay on the place of Gabirol in the history of the development of Jewish ethics. New York. Columbia University Press. 1902. Olx+117p. (Columbia University oriental studies, v. 1.)

Wissler, Clark. The correlation of mental and physical tests. Lancaster. 269

New Era Printing Co. 1901. 0 3+62+1p.

Woolley, Edwin C. The reconstruction of Georgia. New York. 1901 270 O 112+10.

1902

- *Ackerman, William Alfred. The administration of public school text-27I books in the United States.
- *Bachman, Frank Puterbaugh. The Public elementary school curricu-272 lum of England.
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ser. v. 9 p. + 3.

- Boroschek, Leopold. Some new derivatives of the mono nitro orthophthalic acids. Lancaster. New Era Printing Co. 1901. O 46p. 274 bibliog.
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- Davidson, Israel. Parody in Jewish literature. New York. Columbia 279 University Press. 1907. O 22+1+292p. I fac-sim. bibliog. (Columbia University oriental studies, v. 2.)
- Duggan, Stephen Pierce Hayden. Eastern question, a study in diplomacy. 280 New York. 1902. O 153p.
- Fernald, Robert Heywood. Working details of a gas engine test, includ-281 ing a method of determining the temperatures of exhaust gases. New York. Press of J. J. Little. 1902. O 3+86p. ill. pl.
- Garner, James Wilford. Reconstruction in Mississippi. New York. 282 Macmillan. 1901. O x111+422p.

- 283 Gundersen, Carl. On the content measure of assemblages of points. Lancaster. New Era Printing Co. 1901. Q 22p.
- **Hirst**, Gertrude Mary. The cults of Olbia. New York. 1902. O 21—29p. ill. bibliog.

 Repr. from Journal of Hellenic studies. v. 22 & 23.

- Holbrook, Richard Thayer. Dante and the animal kingdom. New York. Columbia University Press. 1902. O 18+1+376p. ill. pl. (Studies in romance philology, and literature. v. 3.)
- **Hubbell,** George Allen. Horace Mann in Ohio, a study of the application of his public school ideals to college administration. New York. 1900. O 71p.
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 Repr. from American Journal of Mathematics. V. 25, no. 4.
- 289 Kinosita, Yetaro. Past and present of Japanese commerce. New York. Columbia University Press. 1902. O 164p. (Studies in history, economics and public law. v. 16, no. 1.)
- 290 Lawrence, George Alfred. Studies upon the cerebral cortex in the normal human brain and in dementia paralytica. New York. Alliance Press. 1903. O 121p. 2 pl. ill. bibliog.
 Repr. from Journal Nervous and Mental Diseases. v. 30. nos. 9-12.
- 291 Levine, David. The Bustan Al-Ukul by Nathanael ibn al-Fayyumi edited and translated from an unique manuscript in the library of Columbia University. New York. Columbia University Press. 1908. O xv1+142+88p. (Columbia University Oriental studies. v. 6).
 - Text Arabic in Hebrew characters 88p. at end
- Lucke, Charles Edward. Heat-engine problem. Lancaster. New Era Printing Press. 1902. O 218p. ill.
- Mereness, Newton D. Maryland as a proprietary province. New York. 1901. O 20+530p.
- Metzger, Floyd J. A new separation of thorium from cerium, lanthanum and didymium, and its application to the analysis of monazite. New York. Geo. G. Peck. 1902. 26p.
- 295 Phillips, Ulrich Bonnell. Georgia and state rights; a study of the political history of Georgia from the Revolution to the Civil War with particular regard to federal relations. Washington. Government Printing Office. 1902. O 224p. maps.
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- Raper, Charles Lee. North Carolina; a royal province, 1729-75: the executive and legislature. Chapel Hill, N. C. University Press. 1901. O 15+71+3p.
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 - (a) The morphology of certain organic compounds.(b) The calcites of the New Jersey trap region.
 - (b) The calcites of the New Jersey trap region.(c) New graphical methods.
 - New York. 1902. O 36p. diagrs. (Contribution from the Mineralogical Dept. of Columbia University. v. 10, no. 2.)

- Rollins, Frank. School administration in municipal government. New York. 1902. O 106p. bibliog. (Dept. of Philosophy and education Contributions. v. 11, no. 1.)
- 300 Torrey, John Cutler. Early embryology of thalassema mellita. Lancaster. New Era Printing Co. 1903. O 72p. ill. bibliog. Repr. from Annals, New York Academy of Sciences, 1903. v. 14, no. 3.
- Willett, Mrs. Mabel Hurd. Employment of women in the clothing trade. New York. 1992. O 207p. pl.
- 302 Yohannan, Abraham. Modern Syriac-English Dictionary. Part I. New York. Columbia University. 1900. O 65p.
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- 304 Bair, Joseph Hershey. The practice curve; a study in the formation of habits. Lancaster. New Era Printing Co. 1902. O 70+1p. ill.
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 Repr. from Transactions of the American Institution of Mining Engineers.
- 308 Bowman, Harold Martin. Administration of Iowa; a study in centralization. New York. Columbia University Press. 1903. O 224p. (Studies in history, economics and public law. v. 18, no. 1.)
- 309 Braun, Wilhelm Alfred. Types of Weltschmerz in German poetry. New York. Columbia University Press. 1905. O 5+6+91p. bibliog. (Germanic studies, Columbia University. v. 2, no. 2.)
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 Repr. from Institution of Mechanical Engineers, Proceedings. 1901.
- 311 Chase, Lewis Nathaniel. English heroic play. New York. Columbia University Press. 1903. D 12+250+1p. (Studies in comparative literature. v. 8.)
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- Conaway, Horace Mann. First French republic; a study of the origin and the contents of the declaration of the rights of man, of the constitution and of the adoption of the republican form of government in 1792. New York. 1902. O 65p.
- Dickson, Charles William. Ore-deposits of Sudbury, Ontario. New York.

 1903. O 65p. ill. bibliog. (Columbia University Geological Dept.
 Contributions. v. 11, no. 91.)

 Repr. from American Institute of Mining Engineers, Transactions. 1903.
- Bress. 1903. D 16+344p. (Studies in English. Ser. 1., v. 2.)

316 Finlay, George I. Geology of the San Jose district. Tamaulipas, Mexico.
O 72p. 11pl. (Columbia University Geological Dept. Contributions. v. 11, no. 100.)

Repr. from New York Academy of Sciences Annals. v. 14. 1004.

- Ford, Guy Stanton. Hanover and Prussia, 1795-1803, a study in neutral-317 itv. New York. 1903. O 318p.
- 318 Hamilton, George Livingston. The indebtedness of Chaucer's Troilus and Criseyde to Guido delle Colonne's Historia Trojana. New York. Columbia University Press. Macmillan. 1903. 18½ cm 6 +1+1+159p. (Columbia University Studies in romance philology and literature. v. 3.)
- Hand, William Flowers. A further investigation of syntheses of the 319 alkylketodihydroquinazolines. Easton. Chem. Pub. Co. 1903. O 73p. bibliog.
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- Hawk, Philip Bovier. Influence of hemorrhage upon metabolism. Easton. 321 Chemical Pub. Co. 1905. 0 73+2p.
- Henderson, Ernest Norton. A study of memory for connected trains of 322 thought. Lancaster. New Era Printing Co. 1903. O 4+99+1p.
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- Johnson, Douglas Wilson. Geology of the Cerrillos Hills, New Mexico Lancaster. New Era Printing Co. 1904. O 204p. 34pl. 1 map. 324 14 figs. Repr. School of Mines Quarterly. 1903-1904.

326

- Kent, Ernest Beckwith. Constructive interests of children. New York. 325 1903. O 76+1p. (Teachers College publications.)
 - Kirkwood, Joseph Edward. Comparative embryology of the cucurbitaceæ. Lancaster. New Era Printing Co. 1904. O 90p. ill. pl. bibliog.

Repr. from the Bulletin of the New York Botanical Garden. 1904. v. 3,

- Krans, Horatio Sheafe. Irish life in Irish fiction. New York. Columbia 327 University Press. 1903. D 7+338+1p. (Studies in comparative literature. v. 7.)
- Lull, Richard Swann. Fossil footprints of the Jura-trias of North America 328 with a preliminary revision of the eastern vertebrate fauna of the period. Boston. 1904. F 97p. ill. pl. bibliog. (Boston Society of natural history, Memoirs. v. 5, no. 11.)
- Macurdy, Grace Harriet. Chronology of the extant plays of Euripides. 329 Lancaster. New Era Printing Co. 1905. O 5+128p. bibliog.
- Messenger, James Franklin. Perception of number. Lancaster. New 330 Era Printing Co. 1903. O 3+44p. pl.
- Miner, James Burt. Motor, visual and applied rhythms; an experimental 33 I study and a revised explanation. Lancaster. New Era Printing Co. 1903. O 4+106p. pl. bibilog. (Dept. of Philosophy and education Contributions. v. 9, no. 4.)

Repr. from Psychological Review series of monographs, supplement. v. 5,

Ogilvie, Ida Helen. Geology of the Paradox Lake quadrangle, New York. 332

O 48p. 17 pl. 3 figs. map. (Dept. of Geology, Contributions, Columbia University. v. 13, no. 3.) Repr. New York State Museum Bull. 96. 1905.

Orth, Samuel Peter. Centralization of administration in Ohio. New York. Columbia University Press. 1903. O 177p. (Studies in history, economics and public law. v. 16, no. 3.)

Pegram, George Braxton. Secondary radioactivity in the electrolysis of 334 thorium solutions. Lancaster. New Era Printing Co. 1903. O 19p. ill. Repr. Physical Review. v. 17, no. 6, 190

Rawles, William A. Centralizing tendencies in the administration of Indiana. New York. Columbia University Press. 1903. O 336p. 335 (Studies in history, economics and public law. v. 17, no. 1.)

- Riederer, Herman Simon. The volumetric determination of bismuth as 336 molybdate and its separation from copper. New York. 1902. O 6+25D.
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- Snow, Louis Franklin. The college curriculum in the United States. 1907. O 186+1p. bibliog. (Teachers College Contributions to 3.1 I education. v. 10.)
- Sperry, Earl Evelyn. An outline of the history of clerical celibacy in western Europe to the council of Trent. Syracuse. Syman Press. 342 1905. O 10+57p. bibliog.
- Stoeckius, Alfred. Naturalism in the recent German drama with special 343 reference to Gerhart Hauptmann. Lancaster. New Era Printing Co. 1903. O 7+57p.
- Thomas, David Yancey. A history of military government in newly 344 acquired territory of the United States. New York. 1904. O 335p.
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- 346 Weston, Stephen Francis. Principles of justice in taxation. New York. Columbia University Press. 1903. O 299p. (Studies in history, economics and public law. v. 17, no. 2.)

1904

Beans, Hal Trueman. Metaminobenzonitrile and some of its derivatives. 347 Easton. Chemical Pub. Co. 1904. O 45p. bibliog.

Beard, Charles Austin. The office of justice of the peace in England in its 348 origin and development. New York. 1904. O 184+1p.

Canfield, Dorothea Frances. Corneille and Racine in England; a study 349 of the translations into English of Racine and the two Corneilles.

- with especial reference to their presentation on the English stage. New York. Columbia University Press. 1904. D 11+295p. bibliog. (Columbia University Studies in romance philology and literature.)
- Capen, Edward Warren. Historical development of the poor law of 50 Connecticut. New York. 1905. O 520+1p. bibliog.
- Crandall, Samuel Benjamin. Treaties, their making and enforcement. New York. Columbia University Press. 1904. O 255p. (Studies 51 in history, economics and public law. v. 21, no. 1.)
- Dublin, Louis I. History of the germ cells in Pedicellina Americana. Lancaster. New Era Printing Co. 1905. O 64p. 3pl. bibliog. 52 Repr. New York Academy of Sciences, Annals, v. 16, pt.
 - *Falk, Myron Samuel. On the elastic properties of cement mixtures.
- 53 Farrington, Frederic Ernest. Public primary school system of France 54 with special reference to the training of teachers. New York. Teachers College. 1906. O 303p. (Teachers College Contributions to education. v. 7.)
 - Fleming, Walter Lynwood. Civil War and reconstruction in Alabama. New York. Columbia University Press. 1905. O xxiii+815p. ill. por. pl. fac-sim.
 - Forbes, Charles Savage. Geometry of circles orthogonal to a given sphere. Lancaster. New Era Printing Press. 1904. O 4+50p. bibliog.
 - *Gray, Henry David. The philosophy of Emerson.

56

57 58

59

61

62

64

- Hughes, Percy. Concept action in history and in the natural sciences, New York. 1905. O 108p. (Dept. of Philosophy and education. Contributions. v. 10, no. 3.)
- Jones, Thomas Jesse. Sociology of a New York city block. New York-Columbia University Press. 1904. O 133p. (Studies in history, economics and public law. v. 21, no. 2.)
- Jones, William. Some principles of Algonquian word-formation. Lan-60 caster. New Era Printing Co. 1904. O 42p. Repr. from American Anthropologist. n. s. v. 6, no. 3.
 - Kellicott, William Erskine. Development of the vascular and respiratory systems of ceratodus. New York. 1905. F 116p. ill. pl. Repr. from New York Academy of Sciences, Memoirs. v. 2, pt. 4.
 - Langdon, Stephen H. Building inscriptions of the Neo-Babylonian Empire-vol. 1. Paris. Leroux. 1905. O 188p.
- 63 Leonard, William Ellery. Byron and Byronism in America. New York. Columbia University Press. 1907. O 7+126+3p. bibliog. (Studies in English. ser. 2, v. 1, no. 1.)
 - *Moore, Henrietta Evangeline. Early literary activity in New York.
 - Neish, Arthur Colon. A new separation of thorium from cerium, lanthanum and didymium by metanitrobenzoic acid. New York. Geo. G. Peck. 1904. O 19p. (Havemeyer laboratories, Contributions. v. 6, no. 97.)
 - Repr. from Journal of the American Chemical Society. v. 26, no. 7. July, 1004.
- Norsworthy, Naomi. Psychology of mentally deficient children. Lan-66 caster. New Era Printing Co. 1906. 0 3+111p. ill.
 - *Pickhardt, Ernest William Sutton. De Aeschyli Imaginibus.
- 67 Shimer, Hervey Woodburn. Upper siluric and lower devonic faunas of 68 Trilobite mountain, Orange county, New York. Albany, N. Y. S. Education Dept. 1904. O 95p. 4pl. figs. bibliog.
 - Repr. from Rept. of New York State Paleontologist. 1903.

Thaver, Harvey Waterman. Lawrence Sterne in Germany: a contribution 360 to the study of the literary relations of England and Germany in the eighteenth century. New York. Columbia University Press. 1905. O 5+1+198p. bibliog. (Germanic studies. v. 2, no. 1.)

Todd, Edwin Smith. A social study of Clark County, Ohio. Springfield. Springfield Pub. Co. 1904. O 113p. 370

Uhlig, William Cullen. Nitrogen contents of commercial distilled water. New York. 1904. O 7+33p. pl. 37 I

Walcott, Gregory Dexter. Lutheran and Kantian elements in Ritschl's conception of God. Lancaster. New Era Printing Co. 1904. O 372

12+1210, bibliog.

Whitaker, Albert Conser. History and criticism of the labor theory of 373 value in English political economy. New York. Columbia University Press. 1904. O 194p. (Studies in history, economics and public law. v. 19, no. 2.)

1905

Arnold, Felix. Psychology of association. Lancaster. New Era Print-374 ing Co. 1906. O 5+80+1p. bibliog.

Banks, Enoch Marvin. Economics of land tenure in Georgia. Columbia 375

University. 1905. O 143p. ill. tables.

Bennett, Charles Joseph C. Formal discipline. New York. 1905. O 376 76+1p. bibliog. (Teachers College Publications.)

- Blake, Frederick Columbus and Fountain, C. R. Reflection and trans-377 mission of electric waves by screens of resonators and by grids. O 22p. ill. (Phænix Physical Laboratory Contributions. no. 5.) Repr. from Physical Review. v. 23, no. 4. 1906.
- 378 *Burks, Jesse Dismukes. Exact methods in city school administration.
- Bush, Wendell T. Avenarius and the standpoint of pure experience. 379 New York. 1906. O 4+79+1p. (Dept. of Philosophy and education Contributions. v. 10, no. 4.) Repr. from Archives of philosophy, psychology and scientific methods, Inc. 2.

Coddington, Emily. A brief account of the historical development of 380 pseudospherical surfaces from 1827 to 1887. Lancaster. 1905. Q

74p. bibliog.

- 381 Cubberley, Ellwood Patterson. School funds and their apportionment; a consideration of the subject with reference to a more general equalization of both the burdens and the advantages of education. New York. Teachers College. 1905. O 256p. (Teachers College Contributions to education. v. 2.)
- Davenport, Frederick Morgan. Primitive traits in religious revivals; a study in mental and social evolution. New York. Macmillan. 382 1905. D 14+323p.
- Dearborn, Walter Fenno. Psychology of reading. 1906. O 134+2p. (Dept. of Philosophy and education, Contributions. v. 14, no. 1.) 383 Repr. from Archives of philosophy, psychology and scientific methods. no. 4.
- Elliott, Edward Charles. Some fiscal aspects of public education in American cities. New York. Teachers College. 1905. O 6+103p. ill. (Teachers College Contributions to education. v. 6.) 384
- Groat, George Gorham. Trade unions and the law in New York; a study 385 of some legal phases of labor organizations. New York. 1905. O 134+1p. bibliog.

386 Harper, Roland McMillan. A phytogeographical sketch of the Altamaha grit region of the coastal plain of Georgia. New York. 1906. O 359p. ill. pl. map.

Repr. from Annals of the New York Academy of Sciences. 1906. v. 17.

- 387 **Hatch,** Leonard William. Government industrial arbitration. 1905. O 6+268p.

 Repr. from United States Bureau of Labor Bulletin no. 60.
- Hendren, Linville Laurentine. Rate of recombination of the ions in air. Lancaster. New Era Printing Co. 1905. O 23p. tables. (Phœnix Physical Laboratory Contributions. no. 2.)

 Repr. Physical Review. v. 21, no. 5.
- 389 Henmon, Vivian Allen Charles. Times of perception as a measure of differences in sensations. New York. Science Press. 1906. O 75p. (Columbia University Contributions to philosophy and psychology. v. 14, no. g.)
 Repr. from Archives of Philosophy. Psychology and Scientific Methods. no. 8.
- 390 Hinckley, Frank Erastus. American consular jurisdiction in the Orient.
 Washington. Lowdermilk. 1906. O 20+283p. bibliog.
- 391 Kanolt, Clarence Whitney. The combination of a solvent with the ions. Lancaster. New Era Printing Co. 1905. O 25p. 2 figs.
- Kingsbury, Susan Myra. An introduction to the records of the Virginia Company of London, with a bibliographical list of the extant documents. Washington. Government Printing Office. 1905. Sq. Q 214p.
- Kramer, Stella. English craft gilds and the government; an examination of the accepted theory regarding the decay of the craft gilds. New York. Columbia University Press. 1905. O 152p. (Studies in history, economics and public law. v. 23, no. 4.)
- Jay, Robert Julius. Old Babylonian temple records. New York-Columbia University Press. 1906. O 89+41p. pl. (Columbia University oriental studies. v. 3.)
- 395 McKeag, Edwin Corwin. Mistake in contract; a study in comparative jurisprudence. New York. Columbia University Press. 1905. O 132p. (Studies in history, economics and public law. v. 23, no. 2.)
- Marsh, Howard D. Diurnal course of efficiency. New York. Science Press. 1906. O iv+99p. ill. bibliog. (Columbia University Contributions to philosophy and psychology. v. 14, no. 3.)

 Repr. Archives of Philosophy, Psychology and Scientific Methods. no. 7.
- Meriam, Junius Lathrop. Normal school and efficiency in teaching. New York. Teachers College. 1906. O 152p. ill. bibliog. (Teachers College Contributions to education. no. 1.)
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- 399 Oliver, Edmund Henry. Roman economic conditions to the close of the republic. Toronto. 1907. Q 15+200p. bibliog. (Toronto University Studies in history and economics.)
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- 401 Periam, Annina. Hebbel's Nibelungen, its sources, method and styl

New York, Columbia University Press. 1906. O 14+221p. (Germanic studies. v. 3, no. 1.)

Pope, Jesse Eliphalet. Clothing industry in New York. Columbia.

402 Stephens. 1905. $0 \times x + 339p$.

Spencer, Charles Worthen. Phases of royal government in New York. 1691-1779. Columbus. Heer. 1905. O 156p. 403

Spencer, Henry Russell. Constitutional conflict in provincial Massachusetts; a study of some phases of the opposition between the Massachusetts governor and general court in the early eighteenth 404 century. Columbus. Heer. 1905. O 135p.

Stangeland, Charles Emil. Pre-Malthusian doctrines of population, a 405 study in the history of economic theory. New York. 1904. O 358p.

Straver, George Drayton. City school expenditures, the variability and 406 interrelation of the principal items. New York. Teachers College. O 104p. (Teachers College Contributions to education, no. 5.)

Suzzallo, Henry. Rise of local school supervision in Massachusetts (The 407 school committee, 1635-1827). New York. Teachers College. 1906. O vii+154p. (Teachers College Contributions to education v. 3.)

*Swift, Fletcher Harper. A history of common school funds in the United 408 States.

Tamura, S. Tetsu. Mathematical theory of the nocturnal cooling of the 400 atmosphere near the earth's surface. Pt. 1-20. Repr. from Monthly Weather Review for April, 1905.

Thallon, Ida Carleton. Lycosura and the date of Damophon. New York. 410 1905. O 29p. Repr. from American Journal of Archæology. 1006 ser. 2, v. 10, no. 3.

411 Thorndike, Everett Lynn. Place of magic in the intellectual history of Europe. New York. 1905. O 111p.

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Yatsu, Naohidé. Pt. I. Experiments on the development of egg-fragments in cerebratulus. O 14p. 413 Repr. from Biological Bulletin. v. 6, no. 3.

> Pt. 2. Formation of centrosomes in enucleated egg-fragments. Baltimore. 1905. O 26p. ill. bibliog. Repr. from Journal of Experimental Zoology. v. 2, no. 2.

Yen, Chin-Yung. Rights of citizens and persons under the fourteenth amendment. Lancaster. New Era Printing Co. 1905. O 3+70p. 414

- 415 Abelson, Paul. Seven liberal arts; study in mediæval culture. New York. Teachers College. 1906. O 8+151p. bibliog. (Teachers College Contributions to education. v. 11.)
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- Banker, Howard James. A contribution to a revision of the North American hydnaceæ. New York. 1906. O 96p. bibliog. 417 Repr. Torrey Botanical Club, Memoirs. v. 12, no. 2.

- **Boyd,** William Kenneth. Ecclesiastical edicts of the Theodosian code. New York. Columbia University Press. 1905. O 122p. (Studies in history, economics and public law. v. 24, no. 2.)
- Cardiff, Ira Detrich. A study of synapsis and reduction. New York. 1906. O 36p. 4pl. bibliog.

 Repr. Torrey Botanical Club Bulletin. v. 33.

42 I

122

123

125

28

129

30

34

.35

- Cosenza, Mario Emilio. Official positions after the time of Constantine. Lancaster. New Era Printing Co. 1905. O 3+109+1p.
- Cruser, Frederick Van Dyke. Insoluble chromicyanides. New York. 1906. 05+291+1p.
- Davis, Michael M. Jr. Gabriel Tarde, an essay in sociological theory. New York. 1906. O117+1p. bibliog.
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 - Fitz-Gerald, John Driscoll. Versification of the Cuaderna Via as found in Berceo's Vida de Santa Domingo de Silos. New York. Columbia University Press. 1905. Q 13+112+3p. fac-sim. (Studies in romance philology. v. 6.)
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 - Hamilton, Joseph Gregoire de Roulhac. Reconstruction in North Carolina. Raleigh. Edward & Broughton. 1906. O 264+1p.
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- 31 Hussakof, Louis. Studies on the arthrodira. New York. Knicker-bocker Press. F 50p. ill.

 Repr. from Memoirs of the American Museum of Natural History. v. 9. pt. 3.
- Jackson, Lambert Lincoln. Educational significance of sixteenth century arithmetic from the point of view of the present time. New York. Teachers College. 1906. O 232+1p. bibliog. (Teachers College Contributions to education. v. 8.)
- Jackson, Marie Katherine. Outlines of the literary history of Colonial Pennsylvania. Lancaster. 1906. O 7+177+1p. bibliog. New York. Columbia University Press. 1907. (Studies in English. ser. 2. v. 1, no. 2.)
 - Johnson, Edith Henry. Argument of Aristotle's Metaphysics. New York. 1906. D 187p.
 - Keys, Alice Mapelsden. Cadwallader Colden, a representative 18th century official. New York. Columbia University Press. 1906. O 19+375p.
- 36 Kind, John Louis. Edward Young in Germany, historical surveys, influence upon German literature, bibliography. New York. Columbia University Press. 1906. O 14+186+1p. bibliog. (Germanic studies. v. 2, no. 3.)

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- 438 Mead, Nelson Prentiss. Connecticut as a corporate colony. Lancaster. 1906. O 10+117+1p.
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- Moore, Brent. A study of the past, the present and the possibilities of the hemp industry in Kentucky. Lexington. J. E. Hughes. 1905.
- Osburn, Raymond Carroll. The origin of vertebrate limbs; recent evidence upon this problem from studies on primitive sharks. 1906. O 21p. bibliog.

 Repr. New York Academy of Sciences, Annals, v. 17, pt. 2.
- Pack, Fred James. Geology of Pioche, Nevada, and vicinity. Lancaster.

 New Era Printing Co. 1906. O 54p. 7pl. 1 map. figs. (In Geological Dept. Contributions. v. 13, no. 120.)

 Repr. School of Mines Quarterly. v. 27, nos. 3-
- Plum, Henry Grant. Teutonic order and its secularization; a study in the Protestant revolt. Iowa City. Pub. by University. 1906. O 5+87+1p. bibliog. (Iowa University Bulletin, new series, no. 128.)
- Read, Thomas T. Amalgamation of gold-ores. 1906. O 29p. ill. bibliog.

 Repr. from Transactions of the American Institute of Mining Engineers.

 July, 1906.
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 Repr. from Bullctin of the New York Botanical Garden. v. 4, no. 13
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 Easton. Eschenbach. 1906. O 37p. bibliog.
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 - Repr. Archives of philosophy, psychology and scientific methods. no. 6. June, 1906.
- Williams, James M. An American town; a sociological study. New York. 1906. O 251p. ill. bibliog.

- 454 Williams, Samuel R. Reflection of Cathode rays from thin metallic films 1906. Q 21p. ill.
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- Danton, George Henry. Nature sense in the writings of Ludwig Tieck. New York. Columbia University Press. 1907. O 11+98+1p. bibliog. (Germanic studies. v. 3, no. 2.)
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- **Eiselen,** Frederick Carl. Sidon, a study in oriental history. New York. Columbia University Press. 1907. O vii+172p. (Columbia University oriental studies. v. 4.)
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- Jones, Arthur Julius. The continuation school movement in the United States. Washington. Government Printing Office. 1907. O 157p. ill. bibliog. (United States education, Bureau of, Bulletin. no. 367.)

- 472 Klaber, William. On certain 7-nitro-4-quinazolones. Easton. Eschenbach Printing Co. 1907. O 38p. bibliog.
- 473 Kupfer, Elsie. Studies in plant regeneration. New York. 1907. O
 47p. ill.
 Repr. Torrey Botanical Club, Memoirs. v. 12, no. 3.
- 474 Lipsky, Abram. Rhythm as a distinguishing characteristic of prose style.

 New York. Science Press. 1907. O 1111+44p. (Columbia University Contributions to philosophy and psychology. v. 15, no. 4.)

 Repr. Archives of Psychology. no. 4.
- 475 Loomis, Louise Ropes. Medieval Hellenism. Lancaster. Wickersham Press. 1906. O 117p. bibliog.
- 476 McBain, Howard Lee. DeWitt Clinton and the origin of the spoils system in New York. New York. Columbia University Press. 1907. O 161p. bibliog. (Studies in history, economics and public law. v. 28, no. 1.)
- 477 McMahon, Robert Ceil. Technical history of white lecythi. O 35p. ill.

 I pl.

 Repr. from American Journal of Archæology. 1907. ser. 2, v. 11.
- 478 Meyer, Martin Abraham. History of the city of Gaza from the earliest times to the present day. New York. Columbia University Press. 1907. O 8+182. (Columbia University Oriental studies. v.4.)
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 1907. O 131p. bibliog.
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 Easton. Eschenbach Printing Co. 1907. O 29+1p.
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 Repr. Archives of Psychology. no. 8.
- 486 Shamel, Charles Harmonas. Geology in the law. New York. Hill. 1907. O 30+627p. ill. I tab. (Geological Dept. Contributions. v. 16.)
- 487 Smith, Preserved. Luther's table talk, a critical study. New York.
 Columbia University Press. 1907. O 135p. I tab. bibliog. (Studies in history, economics and public law. v. 26. no. 2.)
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- Tenney, Alvan Alonzo. Social democracy and population. New York. Columbia University Press. 1907. O 89p. ill. (Studies in history, economics and public law. v. 26, no. 4.)
- Waterhouse, George Booker. The influence of nickel and carbon on iron, and the overheating, burning and restoring of nickel steel. London, 1906. O 32.
 - Repr. from Journal of the Iron and Steel Institute. 1905. no. 2.
- 493 Williamson, Charles Clarence. Finances of Cleveland. New York. Columbia University Press. 1907. O 266p. tab. diagrs. (Studies in history, economics and public law. v. 25, no. 3.)
- Williams, Alfred Tuttle. Concept of equality in the writings of Rousseau, Bentham and Kant. New York. 1907. O 1+88+1p.

496

497

498

- Arner, George Byron Louis. Consanguineous marriages in the American population. New York. Columbia University Press. 1908. 99p. O bibliog. (Studies in history, economics and public law. v. 21, no. 3.)
 - Ball, Margaret. Sir Walter Scott as a critic of literature. New York. Columbia University Press. 1907. O 188p. (Columbia University Studies in English. Series 2. v. 2, no. 1.)
 - Bates, Ernest Sutherland. A study of Shelley's drama the *Cenci*. New York. 1908. O 9+104p. (Studies in English. ser. 2., v. 3, no. 1.)
 - Brown, Warner. Time in English verse rhythm. New York. 1908. O 3+77+1p. 1 pl. (Columbia University Contributions to philosophy and psychology. v. 17, no. 2.)
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- States. 1908. O 109p. ill.

 Repr. Torrey Botanical Club, Memoirs. v. 14.
- Chaddock, Robert Emmet. Ohio before 1850; a study of the early influence of Pennsylvania and southern populations in Ohio. New York. Columbia University Press. 1908. O 155p. map. (Studies in history, economics and public law. v. 31. no. 2.)
- Cobb, Palmer. Influence of E. T. A. Hoffman on the tales of Edgar Allan Poe. Chapel Hill. University Press. 8+104+1p. bibliog. (Studies in philology. v. 3.)
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 Albany. Brandow Printing Co. O 120+1p. (Teachers College Contributions to education. v. 15.)
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- New York. Columbia University Press. 1908. D xxvi+312p. (Columbia University studies in comparative literature. no. 9.)
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 Avestan text with the Pahlavi, Sanskrit, Persian and Gujarati versions. New York. Columbia University Press. 1908. O xxii+
 235p. bibliog. (Columbia University Indo-Iranian series. v. 6.)
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Repr. from Journal of the American Medical Association. 1906. v. 47.

- 508 Earhart, Lida Belle. Systematic study in the elementary schools. Albany.
 Brandow Printing Co. 97p. tab. (Teachers College Contributions to education. v. 18.)
- 509 Elkus, Savilla Alice. Concept of control. New York. Science Press. 1907. O 4+40+1p.
- 510 Fountain, Claude Russell, and Blake, F. C. Distribution of energy emitted by a Righi vibrator. O 21p. ill. (Phœnix Physical Laboratory Contributions. no. 4.)

 Repr. Physical Review. v. 25. no. 4. 1907.
- 511 Franzen-Swedelius, Bernard. De usu accusativi cum infinitivo conjuncti apud Livium. Novi Eboraci. Ludovicus Weiss. 1907. O 55p.
- 512 Friedman, Harry George. Taxation of corporations in Massachusetts. 1907. O 177+1p.
- Froeberg, Sven. Relation between the magnitude of stimulus and the time of reaction. New York. Science Press. 1907. O 37p. diag. "Oolumbia University Contributions to philosophy and psychology. . 16, no. 14.)

 Repr. from Archives of Psychology. no. 8. Dec. 1907.
- Fry, William Henry. New Hampshire as a royal province. New York. Columbia University Press. 1908. O 526p. (Studies in history, economics and public law. v. 29. no. 2.)
- 515 Gildersleeve, Virginia Crocheron. Government regulation of the Elizabethan drama. New York. Columbia University Press. 1908. O vii+259p. (Studies in English. ser. 2, v. 4, no. 1.)
- Goddard, Harold Clarke. Studies in New England transcendentalism.

 New York. Columbia University Press. 1908, Ox+217p. bibliog.
 (Studies in English. ser. 2. v. 2. no. 3.)
- 517 Hamilton, Francis Marion. Perceptual factors in reading, a quantitative study of the psychological processes involved in word perception. New York. Science Press. 1907. (Columbia University Contributions to philosophy and psychology. v. 17. no. 1.)

 Repr. from Archives of Psychology. no. 9. Dec. 1907.
- 518 Hankins, Frank Hamilton. Adolphe Quetelet as statistician. New York.
 Columbia University Press. 1908. O 134p. (Studies in history,
 economics and public law. v. 31. no. 4.)
- 519 Haskell, Juliana. Bayard Taylor's translations of Goethe's Faust. New York. Columbia University Press. 1908. O 111p. bibliog. (Columbia University Germanic studies. v. 3. no. 3.)
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- temperature of a liquid. Easton. Eschenbach Printing Co. 1908. O 28p. 3pl.
- House, Homer Doliver. North American species of the genus ipomæa. 21 O 84p. 1908. (Contributions from Dept. of Botany of Columbia University. no. 235.)

Repr. from New York Academy of Science, Annals, v. 18, no. 6, pt. 2.

- Jones, Elmer Ellsworth. Influence of bodily posture on mental activities. New York. Science Press. 1907. O 6op. table. (Columbia 22 University Contributions to philosophy and psychology. v. 16. no. 2.) Repr. from Archives of Psychology, no. 6. Oct. 1907.
- 23 Jouard, Farel Louis. 3-amino-o-phthalic acid and certain of its derivatives. Easton. Eschenbach Printing Co. 1908. O 37p. bibliog.

24

26

29

30

31

33

- Koenig, Nicholas August. History of the governors of Egypt by Abu Umar Muhammad al-Kindi, edited from a unique manuscript in the British Museum. Pt 1. New York. Columbia University Press. 1908. O 5+32+36p. bibliog. (Columbia University Contributions to oriental history and philology. no. 2.)
- Loshe, Lillie Deming. Early American novel. New York. Columbia University Press. 1907. O vi+131p. bibliog. (Studies in English 25 ser. 2. v. 2. no. 2.)
 - Lowie, Robert H. Test-theme in North American mythology. O 52p bibliog.

Repr. from Journal of American Folk-lore. 1008. v. 21.

- Lucas, Daniel Ralph. Physiological and pharmacological studies of the 27 ureter. Pt. 3. New York. 1908. Q 34+1p. bibliog. Repr. from American Journal of Physiology. July 1908. v. 22. no. 2.
- Maclear, Anne Bush. Early New England towns; a comparative study of their development. New York. Columbia University Press. 1908. O 181p. maps. (Studies in history, economics and public law. v. 29. no. 1.) 28
 - May, Clarence Earl. Oxygen ethers of the type-N: C. (OR) derived from certain nitrogen heterocycles. Easton. Eschenbach Printing Co. 1908. O 52p. ill. bibliog.
 - Meyer, Arnold William. Determination of diastatic power by the saccharification of soluble starch. Easton. Eschenbach Printing Co. 1908. O 36p. bibliog.
 - Miller, Elmer Isaiah. Legislature of the Province of Virginia, its internal development. New York. Columbia University Press. 1907. O 182p. bibliog. (Studies in history, economics and public law. v. no. 2.)
- Moore, Justin Hartley. Sayings of Buddha, the Iti-Vuttaka, a Pali work 32 of the Buddhist canon, for the first time translated with introduction and notes. New York. Columbia University Press. 1908. O xiii+142p. (Columbia University Indo-Iranian series. v. 5.)
 - Morse, Leighton B. Selective reflections of salts of carbonic and other oxygen acids. O 21p. 9 figs. (Columbia University, Phœnix Physical Laboratory Contributions. no. 11.) Repr. from Astrophical Journal. v. 26. no. 4. 1907
- Snowden, Albert Alexander. Industrial improvements schools of Würt-34 emberg. New York. 1908. O 88p. ill. pl. bibliog. Repr. from Teachers College Record. 1907.

Steel, Matthew. The influence of magnesium sulfate on metabolism. New York. 1908. O 41p. 535

Repr. from Journal of Biological Chemistry, v. 5, no. 1, 1008.

Stevenson, Reston. Weight of a falling drop and the laws of Tate, the 536 determination of the molecular weights and critical temperatures of liquids by the aid of drop weights. Easton, Eschenbach Printing 1908. O 25p. tables. bibliog.

Stone, Cliff Winfield. Arithmetic abilities and some factors determining them. Albany. Brandow Printing Co. 1908. O 102p. (Teachers 537

College Contributions to education. v. 19.)

Tanner, Edwin Platt. Province of New Jersey 1664-1738. New York' 1908. xvi+712p. O (Studies in history, economics and public law. v. 30.) 538

Tucker, Samuel Marion. Verse-satire in England before the Renaissance. 539 New York. Columbia University Press. 1908. O 10+245p. (Studies in English. ser. 2. v. 3. no. 2.)

Underwood, Joseph Harding. Distribution of ownership. New York. 540 Columbia University Press. 1907. O 219p. (Studies in history,

economics and public law. v. 28. no. 3.)

Undegraff, Harlan. The origin of the moving school in Massachusetts. 54 I Albany. Brandow Printing Co. 1907. O 186p. (Teachers College Contribution to education. v. 17.)

Upham, Alfred Horatio. French influence in English literature from the 512 accession of Elizabeth to the Restoration. New York. Columbia University Press, 1908. D ix+56op, bibliog. (Studies in comparative literature.)

Vanderburgh, Frederick Augustus. Sumerian hymns from cuneiform texts in the British Museum, transliteration, translation and com-543 mentary. New York. Columbia University Press. 1908. O xii+ 83p. (Contributions to oriental history and philology.)

Wassam, Clarence W. Salary loan business in New York City. New York. 1908. O 127p. pl. fac-sim. 544

Weingarten, Frederick Seymour. The influence of internal hemorrhage 545 on chemical changes in the organism with particular reference to protein catabolism. New York. 1908. O 37p. Repr. from American Journal of Physiology. v. 22. no. 2.

546 Weld, Louis Dwight Harvell. Private freight cars and American railways. New York. Columbia University Press. 1908. O 185p. (Studies

in history, economics and public law. v. 31. no. 1.)

Welker, William Henry, and Ditman, Norman E. I. Studies of the influ-547 ence of various dietary conditions on physiological resistance. 2. The influence of different proportions of protein in the food on the partition of urinary nitrogen after dosage with potassium cyanid. New York. 1909. O 30+1p. bibliog.

Repr. from New York Medical Journal. July, 1908. _

Wilson, Warren H. Quaker Hill; a sociological study. New York. 1907. O 4+168+1p. map. bibliog. 548

Zeitlin, Jacob. Accusative with infinitive and some kindred construction. in English. New York. Columbia University Press. O vii+177p. 549 bibliog. (Studies in English. ser. 2. v. 3. no. 3.)

1909

550 Albright, Victor E. The Shaksperian stage. New York. Columbia

- University Press. 1906. O 12+195p. pl. (Studies in English, ser. 2. v. 6.)
- Andrews, Benjamin Richard. Museums of education: their history and 551 their use. O 98+1p. (bibliog. Renr. from Teachers College Record. 1908. v. 9. p. 195-291.

552

567

- Betts, George Herbert. Distribution and functions of mental imagery. New York, Teachers College, 1909, O 990.
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- Brown, Thomas Clachar. Studies on the morphology and development 554 of certain rugose corals. 1909. 53p. ill. bibliog. Repr. from Annals of New York Academy of Sciences, v. 10, no. 3, pt. 1.
- Chapin, Robert Coit. The standard of living among working men's families in New York City. New York. 1909. O 8+289p. ill. 555 tab. bibliog.
- Cooley, William Forbes. The individual, a metaphysical inquiry. New 556 York. Science Press. 1909. O 5+95p. (Columbia University Contributions to philosophy and psychology. v. 18. no. 2.) Repr. from Archives of Philosophy. no. 3.
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- Darling, Chester Arthur. Sex in dioecious plants. New York. 1909. 558 O 23p. 3 pl. bibliog. Repr. Torrey Botanical Club, Bulletin. v. 36, 1909.
- Eddy, Walter Hollis. On the synthesis of some protein salts. Easton. 559 Eschenbach Printing Co. 1909. O 63p. bibliog.
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- Grendon, Felix. The Anglo-Saxon charms. 565
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Repr. from Annals Mathematical Society Transactions. v. 10. no. 2. April 1909.

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 O 229p. bibliog. (Studies in history, economics and public law. v. 33. no. 3.)
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 1909. O 44p. 4pl. 11 figs. bibliog.

 Repr. from American Journal of Anatomy. v. 9. no. 2. May, 1909.
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596

597

602

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 Lancaster.

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- Weinrich, Morris Francis. Rutherfurd photographs of stars surrounding B Cygni. New York. Lancaster. New Era Printing Co. 604 Repr. from Contributions from the Observatory of Columbia University. no. 27.
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in hydatina senta. Baltimore. 1907-9. O 49p. 3pts in I. ill. Ipl. bibliog.

Repr. from Journal of Experimental Zoölogy. v. 5, no. 1, p. 1-25, v 6, no. 1, p. 125-146.

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1910

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629

630

637

639

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 Repr. from the Annals of the New York Academy of Science. v. 20. no. 1.

 pt. 1. pp. 1-92. pll., 1-ix. 1910.
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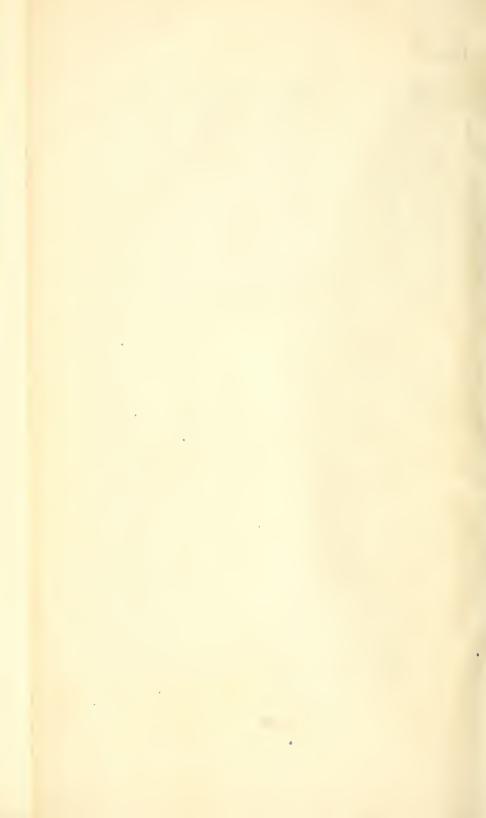
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